PLANNING AND LAND MANAGEMENT DEPARTMENT

Salt River

PIMA-MARICOPA INDIAN COMMUNITY

ROUTE 1, BOX 216 / SCOTTSDALE, ARIZONA 85256 / PHONE 949-7234

IN REPLY REFER TO: Planning & Land Management

January 30, 1980

Mr. Paul A. Luke, EDR
U.S. Department of Commerce
Economic Development Administration
Valley Bank Center, Suite 2960
Phoenix, Arizona 85073

Subject: Public Works Impact Project
Movable Ferrous Metals Recovery Project (Recycling)

Dear Mr. Luke:

Enclosed please find copies of the following documents pertaining to the Preapplication for an EDA grant for a Public Works Impact Project:

1. Public Works Pre-application Form ED-101P
2. Environmental Information Exhibit II-A-8
3. State of Arizona Historic Preservation Office Notification
4. Landfill Inspection Report & Financial Statement
5. A-95 (Note on Pre-Application that this review is underway.)

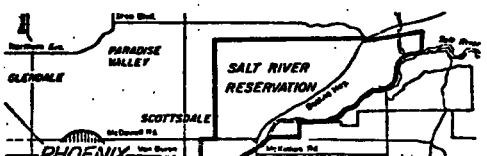
The up-dated feasibility study will be advanced under separate mailing to your attention on or before Friday, February 7, 1980.

Sincerely,

George L. Kruse
Economic Development Specialist

GLK:vmt
cc: Herschel Andrews, President
Alfretta Antone, Vice President
Frank Mertely, Community Manager

Centennial of the
SALT RIVER INDIAN RESERVATION



FORM ED-101P
(REV. 10-78)
OMB No. 41-R2791
Approval Expires 9-30-79

PUBLIC WORKS PREAPPLICATION

No financial assistance may be provided unless this form is completed and filed. 42 U.S.C. 3131(a), 3141(a), 3142; 13 C.F.R. 309.22.

U.S. DEPARTMENT OF COMMERCE
ECONOMIC DEVELOPMENT ADMINISTRATION

OMB Approval No. 80-R0190

SECTION I – APPLICANT/RECIPIENT DATA

FEDERAL ASSISTANCE

1. Type of action (Mark appropriate box)
- [X] Preapplication
- [ ] Application
- [ ] Notification of intent (Opt.)
- [ ] Report of Federal Action

2. Applicant's application
a. Number:
b. Date: Yr. 19 80 Mo. 1 Day 24

3. State application identifier (SAI)
a. SAI Number: 80-11.304-2
b. Date Assigned: Yr. 19 80 Mo. 1 Day 22

Leave Blank

4. Legal applicant/recipient
a. Applicant name: Salt River Pima-Maricopa Indian Com.
b. Organization Unit: Planning Department
c. Street/P.O. Box: Route 1, Box 216
d. City: Scottsdale
e. County: Maricopa
f. State: Arizona
g. ZIP Code: 85256
h. Contact person (Name & phone No.): George L. Kruse (602) 949-7234

5. Federal employer identification No.
86-0143787

6. Program (From Federal Catalog)
a. Number: 11.304
b. Title: Economic Development Public Works Impact Projects

7. Title and description of applicant's project

Public Works Impact Project:
Movable Ferrous Metals Recovery System
(Recycling)

8. Type of applicant/recipient
A-State
B-Interstate
C-Substate Distr.
D-County
E-City
F-School District
G-Special Purpose District
H-Community Action Agency
I-Higher Educational Inst.
J-Indian Tribe
K-Other (Specify)
(Enter appropriate letter) J

9. Type of assistance
A-Basic grant
B-Suppl. grant
C-Loan
D-Insurance
E-Other (Specify):
(Enter appropriate letter(s)) A

10. Area of project impact (Name of cities, counties, States, etc.)
Salt River Pima-Maricopa Indian Com. (Arizona)

11. Estimated number of persons benefiting
2,950

12. Type of application
A-New
B-Renewal
C-Revision
D-Continuation
E-Augmentation
(Enter appropriate letter) A

13. PROPOSED FUNDING

a. Federal	$ 635,000 .00
b. Applicant	.00
c. State	.00
d. Local	151,000 .00
e. Other	56,000 .00
f. Total	$ 842,000 .00

14. CONGRESSIONAL DISTRICTS OF:
a. Applicant: 4th
b. Project: 4th

15. Type of Change (For 12C or 12E)
A-Increase dollars
B-Decrease dollars
C-Increase duration
D-Decrease duration
E-Cancellation
F-Other (Specify)
(Enter appropriate letter(s))

16. Project Start Date
Yr. 19 80 Mo. 4 Day 1

17. Project Duration
Months 12

18. Estimated date to be submitted to Fed. Agency
Yr. 19 80 Mo. 1 Day 25

19. Existing Federal identification number
NA

20. Federal Agency to receive request (Name, City, State, ZIP Code)
Economic Dev. Admin. Western Regional Office, Seattle, WA 98109

21. Remarks added (See Sec. IV)
[X] Yes [ ] No

Sec. II – CERTIFICATION

22. The Applicant certifies:
a. To the best of my knowledge and belief, data in this preapplication/application are true and correct, the document has been duly authorized by the governing body of the applicant and the applicant will comply with the attached assurances if the assistance is approved.

b. If required by OMB Circular A-95, this application was submitted, pursuant to instructions therein, to appropriate clearinghouses and all responses are attached: (See remarks – Sec. IV if more than 3 clearinghouses)

	No Response	Response Attached
(1) Salt River OMPD-A-95	[ ]	[X]
(2)	[ ]	[ ]
(3) Clearinghouse	[ ]	[ ]

23. Certifying representative
a. Typed name and title: Herschel Andrews, President
b. Signature: Herschel Andrews
c. Date signed: Yr. 19 80 Mo. Jan. Day 25

Sec. III – FEDERAL AGENCY ACTION

24. Agency name

25. Application received
Yr. 19 80 Mo. 02 Day 04

26. Organizational unit

27. Administrative office

28. Federal application ID
AAZ-0064

29. Address

30. Federal grant ID

31. Action taken
- [ ] a. Awarded
- [ ] b. Rejected/Denied
- [ ] c. Returned for Amendment
- [ ] d. Deferred
- [ ] e. Withdrawn

32. FUNDING

a. Federal	$ .00
b. Applicant	.00
c. State	.00
d. Local	.00
e. Other	.00
f. Total	$ .00

33. Action date Year 19 Month Day

34. Starting Date Yr. 19 Mo. Day

35. Contact for additional information (Name and telephone number)

36. Ending Date Yr. 19 Mo. Day

37. Remarks added (See Sec. IV)
[ ] Yes [ ] No

38. Federal Agency A-95 Action
a. In taking above action, any comments received from clearinghouses were considered. If agency response is due under provisions of Part 1, OMB Circular A-95, it has been or is being made.

b. Federal Agency A-95 Official (Name and telephone No.)

SF-424 (10-75) USCOMM-DC 52870-P79

PART II – PREAPPLICATION FOR FEDERAL ASSISTANCE

1. Does this assistance request require State, local, regional or other priority rating?	[X] Yes	[ ] No
2. Does this assistance require State or local advisory, educational or health clearance?	[ ] Yes	[X] No
3. Does this assistance request require Clearinghouse review?	[X] Yes	[ ] No
4. Does this assistance request require State, local, regional or other planning approval?	[ ] Yes	[X] No
5. Is the proposed project covered by an approved comprehensive plan?	[X] Yes	[ ] No
6. Will the assistance requested serve a Federal installation?	[ ] Yes	[X] No
7. Will the assistance requested be on Federal land or installation?	[ ] Yes	[X] No
8. Will the assistance requested have an effect on the environment?	[ ] Yes	[X] No
9. Will the assistance requested cause the displacement of individuals, families, businesses, or farms?	[ ] Yes	[X] No
10. Is there other related assistance for this project previous, pending, or anticipated?	[X] Yes	[ ] No
11. a. Is the project in a designated flood hazard area?	[ ] Yes	[X] No
b. Is the project site located in a flood plain?	[ ] Yes	[X] No
c. Is the project safe from flooding?	[X] Yes	[ ] No
d. Is flood insurance available?	[ ] Yes	[X] No
e. Has flood insurance ever been purchased?	[ ] Yes	[X] No
12. Has the applicant been the subject of any unresolved issues, or negative determinations issued within the past two years, arising from civil rights compliance reviews, complaints, lawsuits or other allegations of discrimination on the basis of race, color, national origin, sex, handicap or age?	[ ] Yes	[X] No

PART III – PROJECT BUDGET

Federal catalog number (a)	Type of assistance loan, grant, etc. (b)	First budget period (c)	Balance of project (d)	TOTAL (e)
1. 11.304	grant			635,000
2.				
3.				
4.				
5.				
6. Total Federal Contribution		$	$	$ 635,000
7. State Contribution				
8. Applicant Contribution				151,000
9. Other Contributions				56,000
10. TOTALS →		$	$	$ 842,000

PART II - PRE-APPLICATION FOR FEDERAL ASSISTANCE

1. The number one (1) priority rating resulted from the Tribal Council's approval of the Overall Economic Development Plan for FY-80.
2. Not Applicable
3. Clearinghouse Review is being accomplished by the Office of Management and Program Development at the Salt River Community.
4. Not Applicable
5. The local Salt River Indian Community's Comprehensive Plan was approved in December 1979. This recycling project is in conformance with the local and regional plans for the area.
6. Not Applicable
7. Not Applicable
8. The proposed project will extend the life of the landfill since resource recovery means less to the landfill itself.
9. No displacement will be required.
10. The Four Corners Regional Commission has indicated a $56,000 supplemental grant potential for this recycling project.
11. The landfill area is within the flood plain, however the recycling equipment will operate adjacent to the landfill on land above the flood plain along the Salt River.

PRE APPLICATION EXHIBIT IV-1a&b

APPLICATION
FOR AN
ECONOMIC DEVELOPMENT ADMINISTRATION
PUBLIC WORKS IMPACT PROJECT GRANT

1. Applicant:

Salt River Pima-Maricopa Indian Community
Route 1, Box 216
Scottsdale, Arizona 85256
(602) 949-7234

2. Name of Project:

Movable Ferrous Metals Recovery System
(Recycling)

3. Location of Project:

Salt River Indian Community
Maricopa County, Arizona

4. Funding Sources:

	Amount	Percentage
Economic Development Administration	$635,000	75.42
Salt River Indian Community	151,000	17.93
Four Corners Regional Commission	56,000	6.65
Total	$842,000	100.00

5. Problem Definition:

Over 1,000 tons of solid waste materials are being buried in the Salt River Indian Community's sanitary land fill each and every day, yet no reclaiming, and recycling of reuseable materials is being undertaken at this site in the State of Arizona.

The importance of obtaining a Movable Metals Recovery (Recycling) System and placing it in operation at the Salt River Indian Community Sanitary Land fill site and its relationship to economic development in the regional area includes the following:

a. Recycling Service to a Regional Service Area with a 280,660 population base of:

City of Mesa, Arizona	100,763
City of Tempe, Arizona	98,882
City of Scottsdale	78,065
Salt River Indian Community	2,950

b. The need for recycling of materials due to the growing value of resources such as:

Ferrous Metals

Paper and Fiber

Glass

Aluminum

Solid Fuels-Chemicals

Agricultural Feed and Compost

Energy production

Gaseous & Liquid Fuels

c. The reuse of materials so that less area is needed at the sanitary land fill, ie, the life of the land fill is extended in direct ratio to the amount of materials being recycled.

d. Jobs can be provided for qualified community members thus helping the unemployment situation.

e. Provide continued sanitary land fill service to the eastern third of the greater Phoenix Metro Area, and provide the first recycling service for the Region.

6. Description of Project and Project Impact Area

a. Brief Description of Project

The Salt River Indian Community would purchase a movable ferrous metals recovery system at the Sanitary land fill site along the Salt River. A support maintenance vehicle and a front end loader will also be purchased for this recycling operation.

Initial access roads will be constructed, the mobile office purchased and moved to the site, and the dumping pad prepared for the recycling project.

Training will commence with the initial start-up of the movable ferrous metals recovery unit. A factory representative and a recycling consultant will provide said training:

Chief Equipment Operator

To operate the conveyor system of the recycling unit.

Equipment Operator

To operate the front-end loader and feed the raw materials onto the receiving conveyor of the recycling equipment.

Maintenanceman

To operate the support maintenance vehicle, handle normal maintenance and repair of the recycling equipment, and serve as relief operator of the loader and recycling unit.

Laborer I

Responsible for the directing of trucks as to dump area locations, and trucks which are required to bypass recycling to the land fill area.

. Directs dumping of special materials such as wood, cardboard and paper for separate storage.

Laborer II

· Serves as a remover of items unfit for shredding, and items not cleaned from the ferrous metals. Also serves as a reliefman for the Laborer I.

b. Project Impact Area

· The recycling equipment will operate at the Salt River Indian Community's sanitary land fill along the Salt River near State Route 87 (Beeline Highway).

The Service Area is regional in scope in that it serves the same area being served by the land fill operation. The communities utilizing the land fill and this recycling project include all of the following:

Salt River Indian Community

City of Scottsdale, Arizona

City of Tempe, Arizona

City of Mesa, Arizona

The above communities have a population service base of 280,660 (1975 population).

7. Scope of Work:

(a) Methods and Procedures to be used to meet project objectives.

The Project will provide the first but key phase in getting a recycling system in operation to serve a portion of a metro region including an Indian Community. It would be a first in

the State of Arizona and would be a model and "trend-setter" as to a movable recycling system. Methods and procedures include financial commitments from federal funding sources, the advertising for bids for the basic recycling equipment, the shipment and set-up of the recycling equipment, the training and testing of the recycling system, and the 8 hour per day, 7 days per week operation of Arizona's first major recycling system.

(b) Personnel:

The project director will be the Public Works Director for the Salt River Indian Community.

(c) Project Coordination:

The Public Works Department of the Salt River Indian Community will coordinate the recycling project operations with the Public Works Director of the Cities of Scottsdale, Tempe and Mesa who hold contracts with the Salt River Indian Community for land fill services to their respective cities.

(d) Duration of Project:

The schedule for completion of this project start-up includes the following:

March 31, 1980 - Contract signing for grant funds on or before this date .

April 2,9 & 16, 1980 - Bid advertising for necessary equipment.

April 30, 1980 - Bid opening and tabulation.

May 7, 1980 - Bid award by Tribal Council

May 19 - June 1980 - Construction of access roads and pads; placement of mobile office; and delivery and set-up of recycling equipment.

July 1980 - Training and Test Runs of the Recycling System.

August, September & October - Test-warranty period for the Recycling System.

September 31, 1980 - Formal acceptance of equipment.

November 7, 1980 - Payment for equipment.

(e) Project Budget:

1. The following brief budget and funding breakdown is also provided:

Budget		
Equipment:		
Mobile Unit	$356,000	
Shipping	8,000	
Installation	4,000	
Support Vehicle	42,000	
Front End Loader	90,000	
		$500,000
Operating Costs:		
Service & Repairs	$ 45,600	
Labor	122,400	
Fuel	9,000	
		$177,000
Training Costs:		
Consultant	$ 20,000	
On-Site by Mfg.	10,000	
		$ 30,000

Facilities Improvements:		
Access Roads	$80,000	
Mobile Office	15,000	
Dumping Pads	40,000	
		$135,000
TOTAL PROJECT COST		$842,000

* * * * * * * * * * * * * * * * * * *

FUNDING SOURCES

Equipment:		
Economic Development Administration		$500,000
Facilities Improvements:		
Economic Development Administration		135,000
Training Costs:		
Salt River Indian Community		30,000
Operating Costs:		
Four Corners Regional Commission	$56,000	
Salt River Indian Community	96,000	
		152,000
Contingency (Salt River Indian Community):		25,000
TOTAL PROJECT COST		$842,000

(2) Justification for Economic Development Administration Funds:

The funding sources for this recycling project include the following:

Economic Development Administration	$635,000
Salt River Indian Community	151,000
Four Corners Regional Commission	56,000
Total	$842,000

The percentage breakdown by funding source is as follows:

Economic Development Administration (EDA)	75.42
Salt River Indian Community (SRIC)	17.93
Four Corners Regional Commission (FCRC)	6.65
Total Percentage	100.00

Originally the Joint Funding Application hoped for Environmental Protection Agency Funding Support, however no appropriation by Congress resulted. Higher earmarkings from the Economic Development Administration were required as a result and more local agency participation in the form of funds were also required.

The funding support by the Economic Development Administration is needed, and is regarded as most critical, important, and significant to the success of this worthwhile recycling project.

8. Economic Impact Statement:

The economic impact of this recycling project on the local area (Salt River Indian Community), and on the entire Region (Phoenix Metro Area) will be beneficial in the following respects:

a. The Salt River Indian Community will be able under this project to hire five (5) community residents to operate this recycling system. As a result the project will provide work experience

for five (5) and thereby directly reduce the rate of unemployment at Salt River.

b. This recycling project will help stimulate public awareness of the value for recycling of materials. The Salt River Community will operate the first recycling project in the State of Arizona and thus provide leadership as a model example of economic concern for the value of recycling.

c. Economically materials will be obtained from the recycling system and will be made available for regional firms at a competative rate which in turn will economically benefit each firm competing for recyclable materials.

New employment opportunities will be provided initially for five (5) persons and others can be added as the recycling plant is expanded. Private business may well invest in firms that purchase, haul or utilize the recyclable materials.

Needless to say, a project of this type (recycling) will directly result in the conservation of energy and natural resources thru the reuse of materials in the recycling process.

The Salt River Indian Community will directly benefit from this project as well as the cities of Scottsdale, Tempe, and Mesa. This benefit is derived from the extended life of the existing land fill site which means a cost saving in having a "shorter haul" for the municipal solid wastes.

Environmentally the recycling of waste materials is encouraged and its overall impact to the community and society as a whole cannot be

overlooked. Environmental concern demands the recycling be "fact" instead of "plan". This project will result in planned fact becoming a reality in the form of an environmentally sound, and economically wise operation of a regional recycling system.

9. Endorsements:

Endorsements from the Salt River Indian Community, and the cities of Scottsdale, Mesa and Tempe have been obtained in support of this project.

10. Project Performance:

Project (recycling) performance can be assured by the purchase and operation of the resource recovery equipment of the Los Angeles By-Products Company.

Los Angeles By-Products Co.
1810 East Twenty-Fifth Street
Los Angeles, California 90058
(213) 233-4175

Attached please note the copies of printed information and specifications of the L.A. By-Products Co. resource recovery (recycling) equipment.

11. A-95 Review:

OMB Circular A-95 requirements are being met in that A-95 review clearance is being obtained at the substate, and state levels.

12. Responsible Officer of Applying Organization.

Name : Herschel Andrews
Title : President
Applicant : Salt River Indian Community
Telephone No: (602) 949-7234

PRE APPLICATION EXHIBIT IV-2

2(a) The recycling project will improve the areas potential for economic growth for the following reasons:

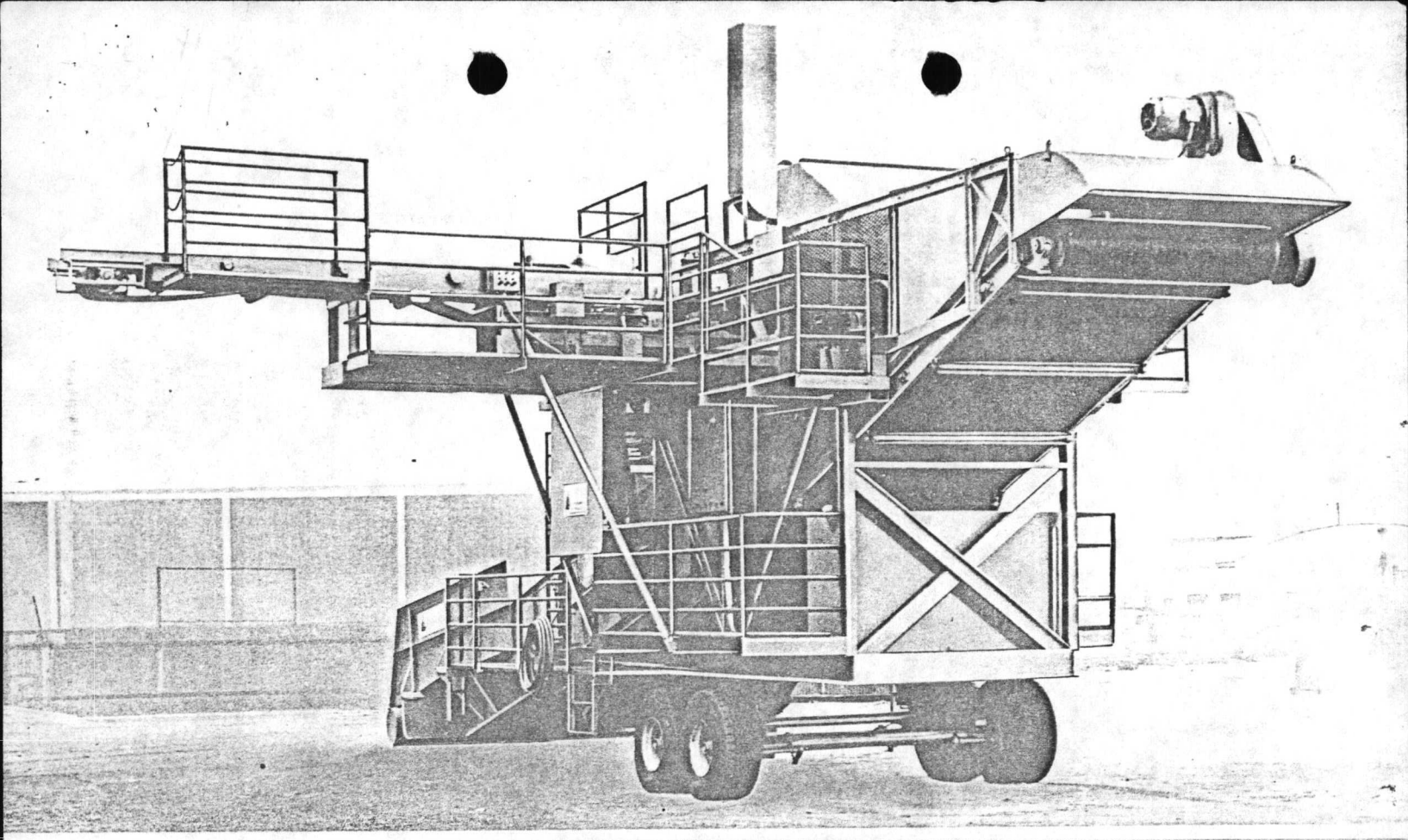
- by utilizing the solid waste resource at the Sanitary landfill
- by starting the resource recovery operation at the landfill as a first phase in recycling operations

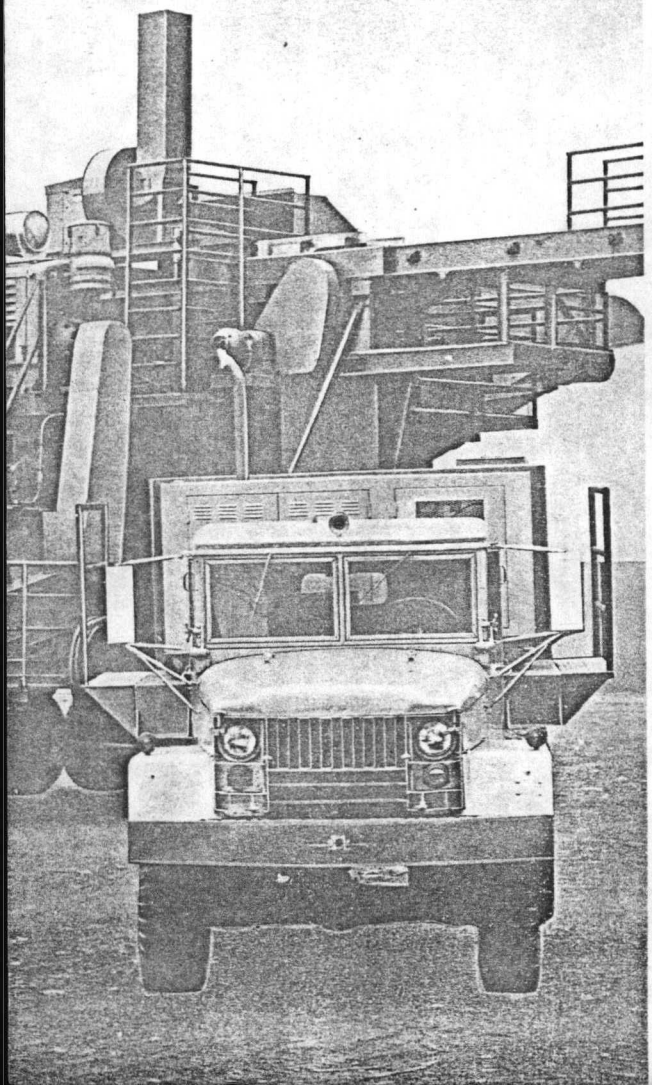
2(b) The project will improve the area's opportunities for new allied industrial enterprises. One such proposal for utilizing all old tires delivered to the landfill has recently been proposed by an Arizona Company.

2(c) This project will create some long-term employment opportunities for the community. Initially five (5) community members would be employed at the project area.

2(d) This project would benefit long-term unemployed and members of low-income families. Training and employment at the recycling facility of community members will result.

3. The projects relationship to the Overall Economic Development Program, (OEDP) for the area is in the form of a Number 1 PRIORITY RANKING as approved by the Salt River Tribal Council.

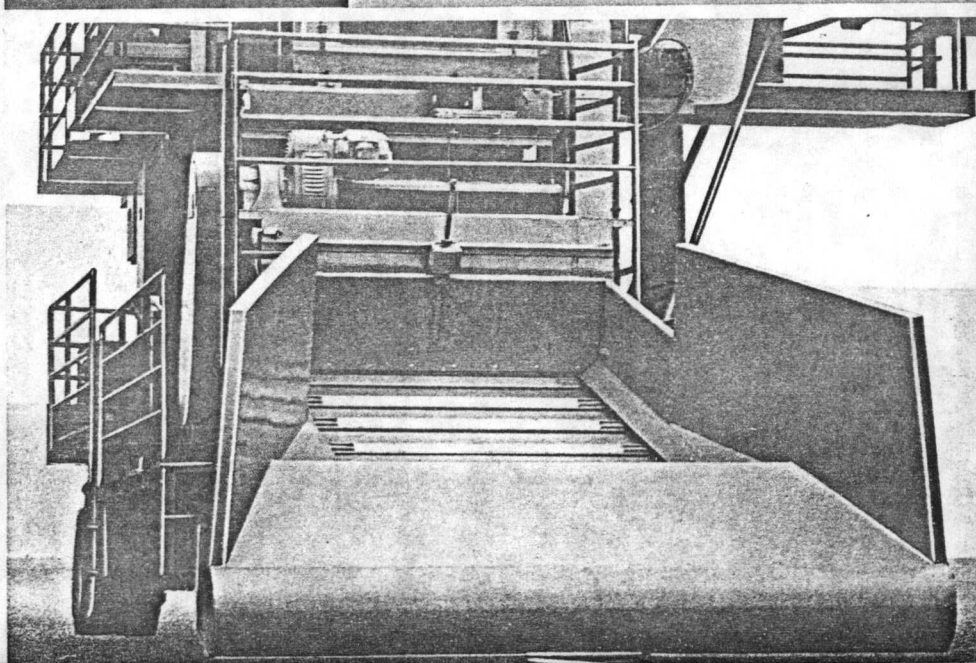


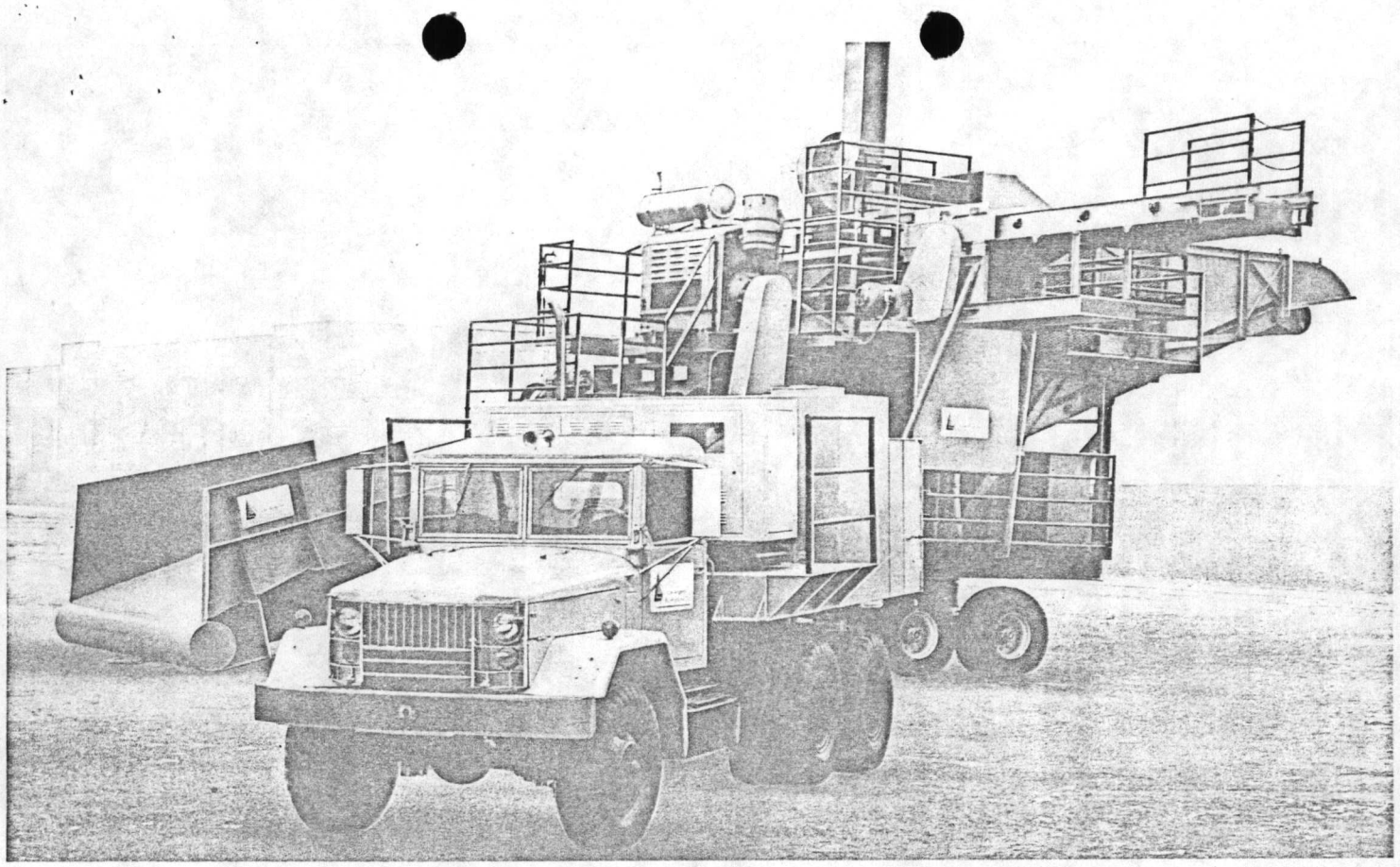


BYPRO

RESOURCE RECOVERY EQUIPMENT

for solid waste processing





Maintenance Support Vehicle

This is a rugged 6-wheel drive military truck, ideal for personnel and equipment transport to and from the land fill site. Power for the magnets, motors and other electrical equipment is supplied by a 50 kilowatt diesel engine driven generator installed on the support vehicle, with a built-in 200 gallon fuel tank. An umbilical cord, with connectors, mates with the Shredder/Sorter electrical distribution panel.

NOTE: If a source of adequate electrical power is available for a permanent Shredder/Sorter installation, the support vehicle may not be required.

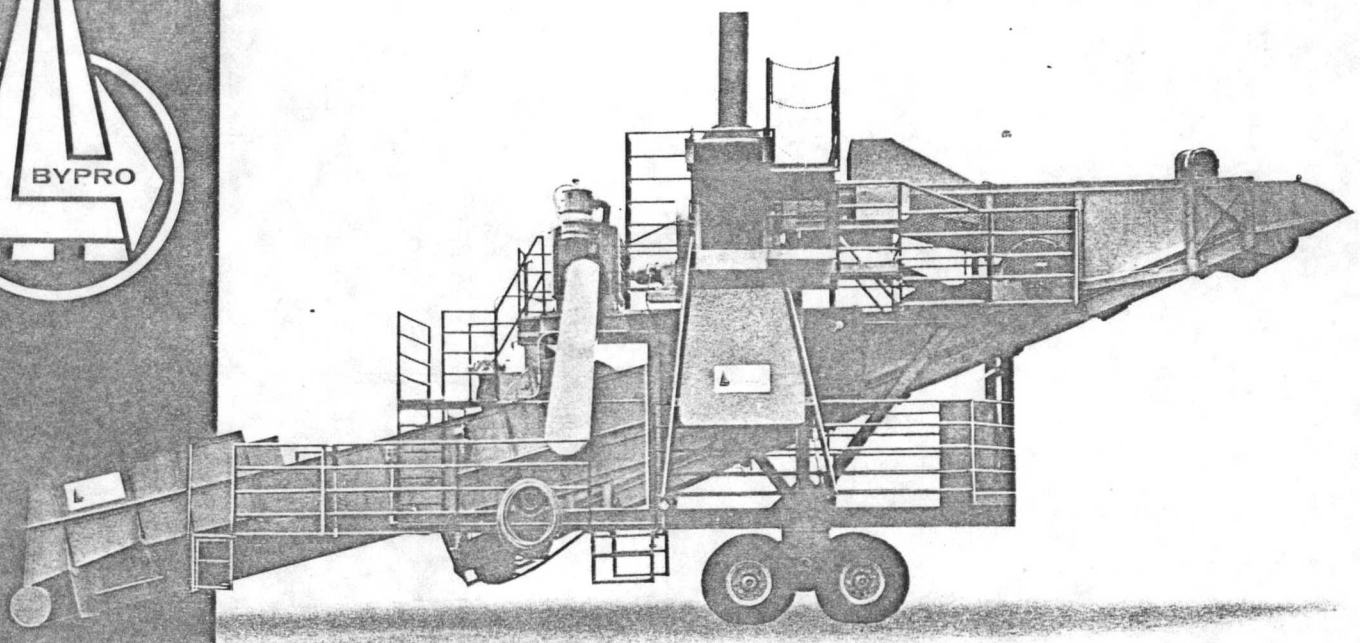
- WATER SYSTEM — A 1200-gallon water storage tank is built onto the support vehicle, with an electrically driven water pump (15 gallons/minute at 60 psi) and a 50′ reeled hose with nozzle. This allows for washdowns, and other miscellaneous uses.
- ARC WELDING EQUIPMENT — A 250 amp arc welding unit is built into the storage compartment, plus a gas cutting torch and hoses. There is space and tie down clamps provided for oxygen/acetylene tanks.
- TOOLS AND EQUIPMENT — Over 100 mechanics' tools and equipment, two cable type hoists, extension cords and trouble light, virtually everything needed to service the Shredder/Sorter or the support vehicle itself are included.
- COMPRESSED AIR — 120 psi of compressed air is available.
- STORAGE SPACE — Both the truck and the Shredder/Sorter include large, lockable storage areas.

For further information contact

LOS ANGELES BY-PRODUCTS CO.

1810 EAST TWENTY-FIFTH STREET, LOS ANGELES, CALIFORNIA 90058
213/233-4175

SERIES 30 MOBILE SHREDDER/SORTER



SPECIFICATIONS:

DIMENSIONS:	Length: 50′ Width: 39′ Height: 30′
ASSEMBLED WEIGHT:	Approximately 67,000 pounds
CREW:	One Machine Operator One Laborer Crew also performs normal servicing and repairs
CONVEYORS:	Heavy-duty steel drag flight shredder feed conveyor, custom designed with extra heavy duty take-ups, and equipped with reversible variable speed drive motor with torque limiter and Personnel safety shutdown.
	Reversible main conveyor with self-cleaning, wing-type tail pulley and heavy-duty idlers.
	Reversible ferrous metals recovery conveyor with belt agitator for cleaning.
	Cross conveyor with stainless steel head pulley.
	Light-weight metals discharge conveyor.
REFUSE PROCESSING:	Most any residential refuse material delivered by packer-type trucks can be processed without pre-sorting.
SHREDDER OPENING:	Feed chute opening is 12′ wide with 80″ x 27″ shredder entrance throat.

(Continued on reverse side)

LOS ANGELES BY-PRODUCTS CO., 1810 EAST TWENTY-FIFTH STREET, LOS ANGELES, CALIFORNIA 90058

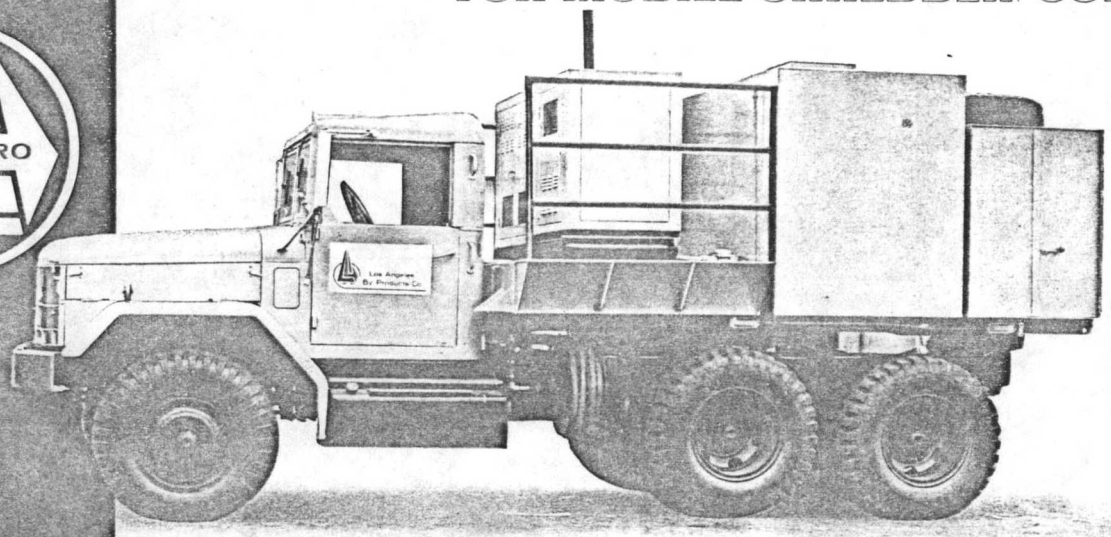
SERIES 30 MOBILE SHREDDER/SORTER

SPECIFICATIONS:

CONTINUED

SHREDDER:	The 32 hammer, Timken tapered roller bearing mounted rotor, is diesel powered. Fuel storage tank with sight gauge has 400 gallon capacity.
CAPACITY:	80 to 100 tons per hour. Higher rates are often experienced, depending on the composition of the refuse and the feed rate.
REDUCTION:	Eighty percent of the processed refuse is reduced to pieces 8″ in size or smaller. Glass is pulverized to the consistency of coarse sand.
MAGNETS:	30″ diameter custom designed aluminum wound 6 kilowatt electro-magnet. 20″ diameter secondary electro-magnetic pulley for further cleaning.
BLOWER:	One 10 HP blower for air cleaning of separated metals.
SAFETY FEATURES:	Walkways are wide, with sturdy pipe railings. There are on/off switches at numerous locations. Two portable fire extinguishers.
POWER:	Complete electrical distribution system with all starters, breakers, and reversing controls mounted in a NEMA 12 enclosure. All stop-start control enclosures are of watertight design.
	Shredder/Sorter requires 50 kilowatts, 240 volt, 3 phase AC power — normally supplied by separate support vehicle.
WATER SYSTEM:	Built-in automatic water spray system. Two hose bibs and hoses.
FINISH:	Prime coat is red oxide. Finish can be in any color(s) desired.
PORTABILITY:	The fully assembled unit is normally towed along the landfill face by the machine that feeds it. Fifth wheel pin and air brakes are provided for highway towing.
TIRES:	Four 18 x 19.5 x 22 steel belted flotation tires.
DISASSEMBLED FOR TOWING:	Width: 12′ Length: 50′ Height: 13′6″
DISASSEMBLED WEIGHT:	Stripped basic unit: 42,000 lbs. Primary magnet: 8,340 lbs. Other components: 16,480 lbs.
	Tongue weight: 9,800 lbs. Weight at axles: 32,200 lbs.

MAINTENANCE SUPPORT VEHICLE FOR MOBILE SHREDDER/SORTER

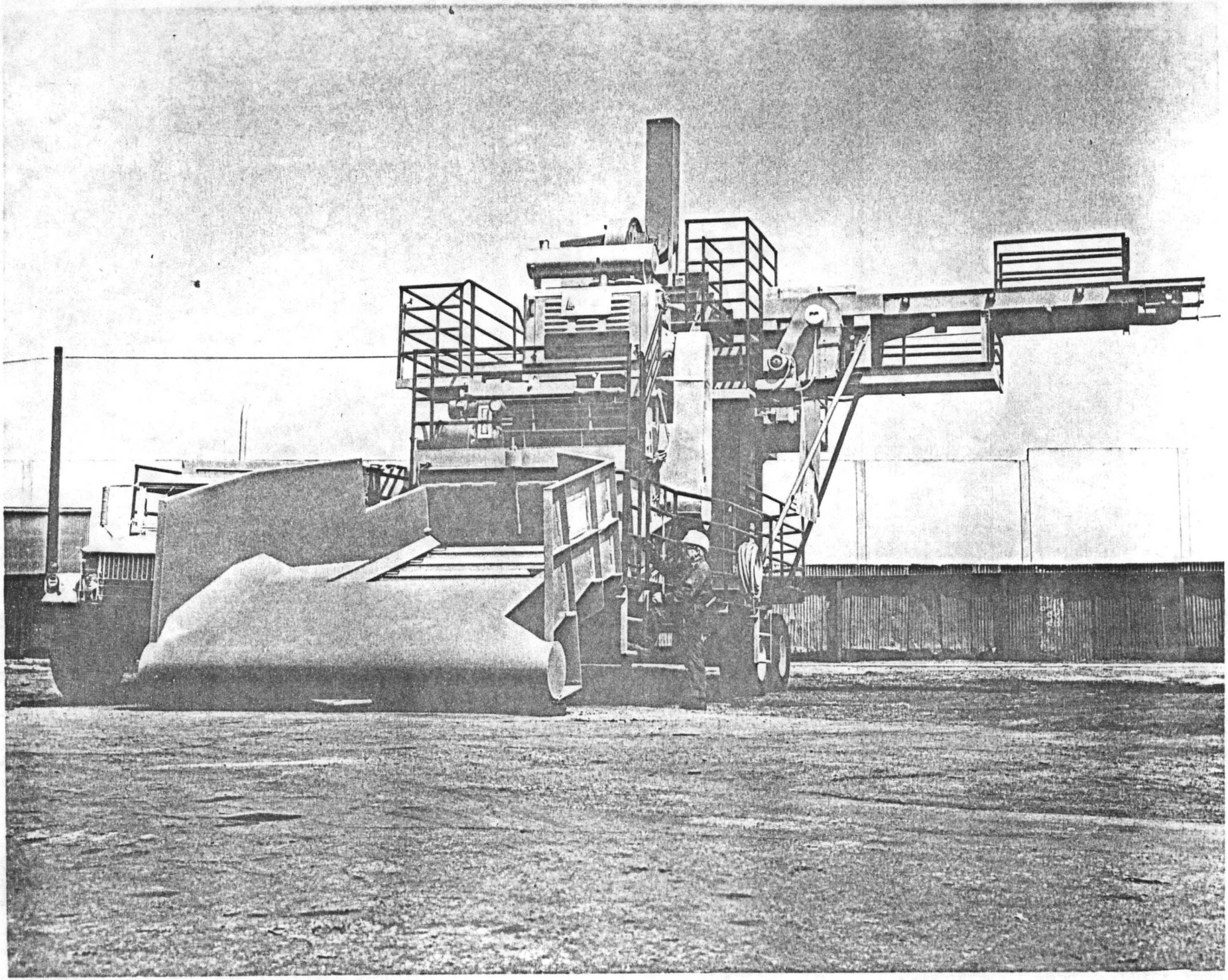


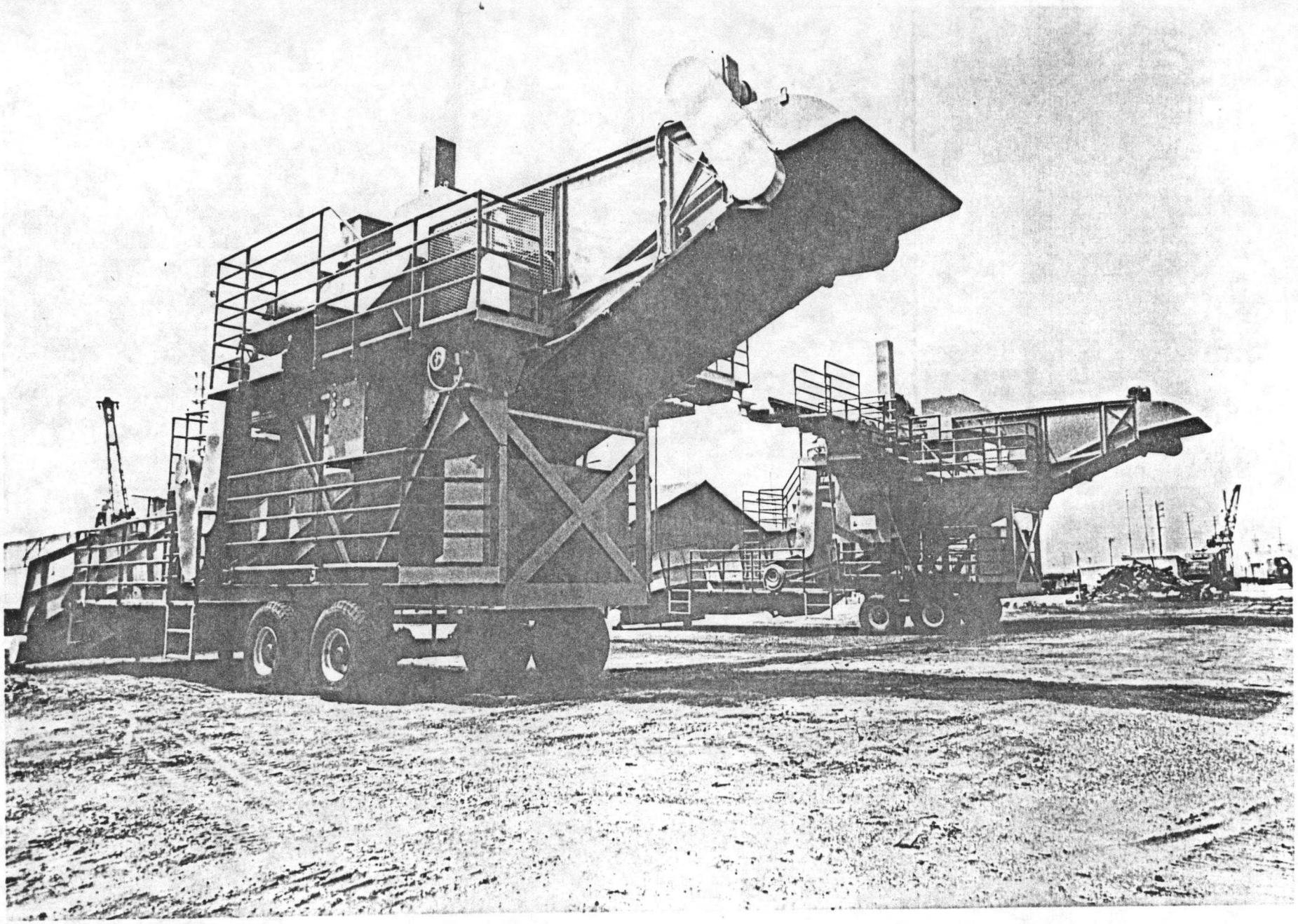
SPECIFICATIONS:

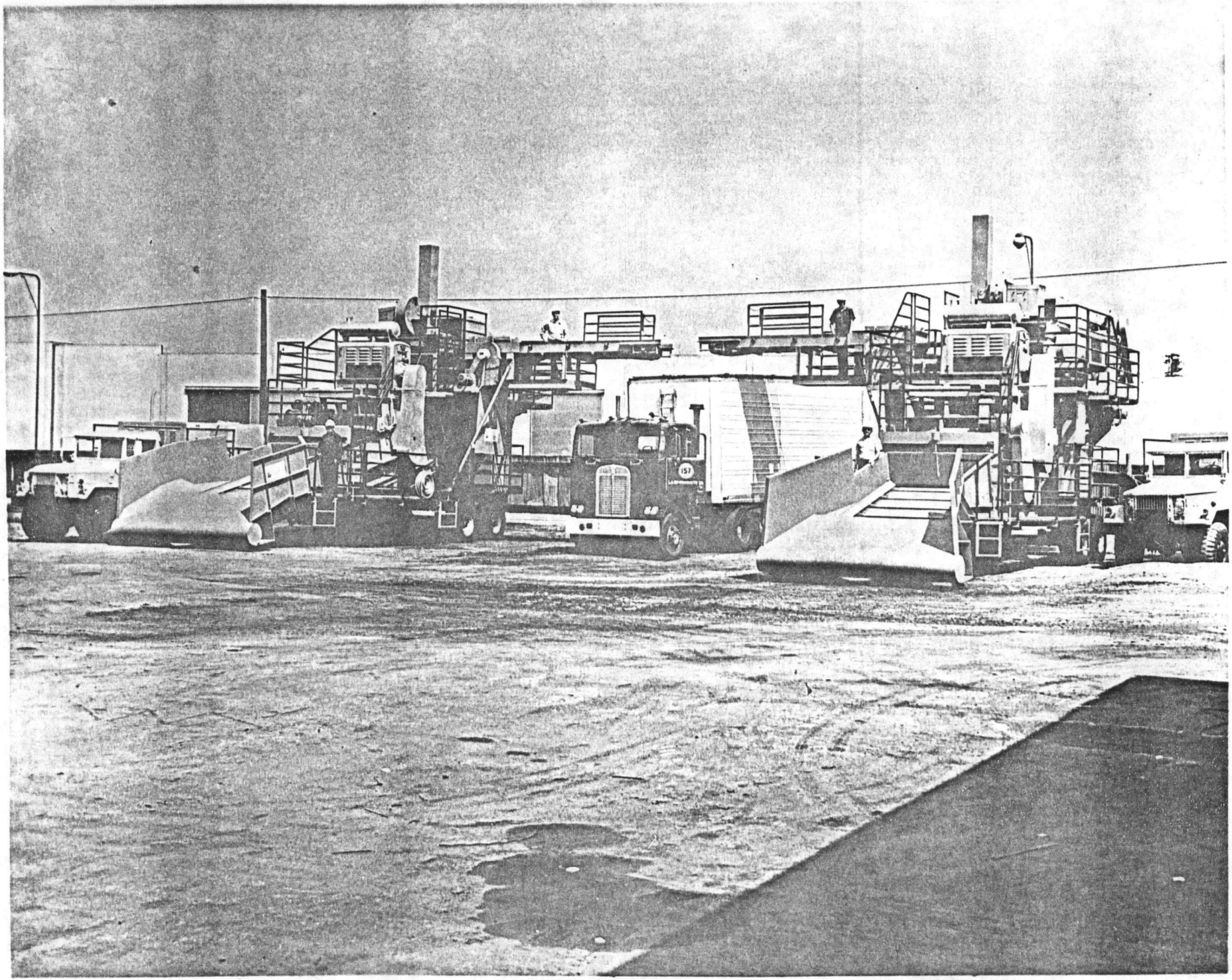
The Bypro Support Vehicle meets the total electrical and water supply requirements of the Mobile Shredder/Sorter, provides comprehensive maintenance capabilities, and is ideal for transporting men and equipment. The Support Vehicle is so complete — as a source of power and as a "maintenance center" — that it is an ideal "stand alone" choice to handle the servicing needs of all types of equipment.

VEHICLE:	Military surplus type six by six all-wheel drive cab and chassis truck. Five-speed forward manual transmission.
WEIGHT:	22,000 lbs.
DIMENSIONS:	Width: 8′ Length: 22′ Height: 9′6″
FUEL TANK:	50 gallon capacity
MOBILITY:	Truck can be licensed to drive on public roads.
GENERATOR SET:	50 KW diesel generator set, with full instruments and safety shutdown. Served by its own 200 gallon diesel fuel storage tank.
COMPRESSED AIR:	120 psi of compressed air is available with 50′ of air hose, tire chuck, blow nozzle and pressure gauge.
WATER STORAGE TANK:	1200 gallon tank with top or side fill and a 230-460 VAC electric pump providing 60 psi at 15 GPM. 50′ of hose with nozzle.
LOCKABLE EQUIPMENT AREAS:	Houses main power disconnect panel, switches, electrical umbilical cord to the Shredder/Sorter.
WELDING EQUIPMENT AND TOOL KIT:	Includes 250 amp. arc welder with 50′ cables, oxygen and acetylene cutting torch with 50′ twinline hose, bottle storage racks and other equipment, plus a 100 piece tool box including virtually every tool needed to service and maintain the Shredder/Sorter. Two cable type hoists, extension cords and trouble light. First aid kit and fire extinguisher.
FINISH:	Primed and finished in choice of colors.

LOS ANGELES BY-PRODUCTS CO., 1810 EAST TWENTY-FIFTH STREET, LOS ANGELES, CALIFORNIA 90058







ENVIRONMENTAL INFORMATION

Item 1a. Has a Federal, State, or Local Environmental Impact Statement or Analysis been prepared for this project?

☐ Yes ☒ No ☐ Copy attached as EXHIBIT II–A–8(1)(a)

b. If "No," provide the information requested in Instructions as EXHIBIT II–A–8(1)(b)

☐ *EXHIBIT II–A–8(1)(b) attached*

Item 2. The State Historic Preservation Officer (SHPO) has been provided a detailed project description and has been requested to submit comments to the appropriate EDA Regional Office. ☒ Yes ☐ No

Date description submitted to SHPO January 25, 1980

Item 3. Are any of the following land uses or environmental resources either to be affected by the proposal or located within or adjacent to the project site(s)? *Check appropriate box for every item of the following checklist.*

	YES	NO	UNKNOWN
1. Industrial	☒	☐	☐
2. Commercial	☐	☒	☐
3. Residential	☐	☒	☐
4. Agricultural	☐	☒	☐
5. Grazing	☐	☒	☐
6. Mining, Quarrying	☒	☐	☐
7. Forests	☐	☒	☐
8. Recreational	☐	☒	☐
9. Transportation	☐	☒	☐
10. Parks	☐	☒	☐
11. Hospitals	☐	☒	☐
12. Schools	☐	☒	☐
13. Open spaces	☐	☒	☐
14. Aquifer Recharge Area	☐	☒	☐
15. Steep Slopes	☐	☒	☐
16. Wildlife Refuge	☐	☒	☐
17. Shoreline	☐	☒	☐
18. Beaches	☐	☒	☐
19. Dunes	☐	☒	☐
20. Estuary	☐	☒	☐
21. Wetlands	☐	☒	☐
22. Floodplain	☒	☐	☐
23. Wilderness *(designated or proposed under the Wilderness Act)*	☐	☒	☐
24. Wild or scenic river *(proposed or designated under the Wild and Scenic Rivers Act)*	☐	☒	☐
25. Historical, Archeological Sites *(Listed on the National Register of Historic Places or which may be eligible for listing)*	☐	☒	☐
26. Critical Habitats endangered/threatened species	☐	☒	☐
27. Wildlife	☐	☒	☐
28. Air Quality	☐	☒	☐
29. Solid Waste Management	☒	☐	☐
30. Energy Supplies	☒	☐	☐

Item 4. Are any facilities under your ownership, lease, or supervision to be utilized in the accomplishment of this project, either listed or under consideration for listing on the Environmental Protection Agency's List of Violating Facilities?

☐ Yes ☒ No

ENVIRONMENTAL INFORMATION
as required by
EXHIBIT II-A-8(1)(b)

1. PRIMARY BENEFICIARIES

The Salt River Indian Community, which owns and operates the Tri-City Landfill is the primary beneficiary of the proposed recycling project. Indirectly the Cities of Scottsdale, Tempe and Mesa, Arizona also benefit from this project since the life of the landfill is extended.

2. AREA DESCRIPTION

a. The Salt River Indian Community's current landfill area is approximately 20 acres in size. The recycling project would operate at the landfill adjacent to the landfill pit area.

Immediately northwest of the site is highway SR-87 and it's right-of-way. Southwest of the landfill is a sand-gravel operation on approximately 40 acres of land area. To the southeast is the main channel of the Salt River which flows only 5 to 105 days in a given year.

No homes, schools, commercial or recreational areas are located in close proximity to the landfill and the recycling operation.

b. Industrial (1)

As noted above a sand-gravel operation (Industrial) operates immediately southwest of the project area. The recycling operation would have no adverse affect on the sand-gravel industry.

Mining, Quarrying (6)

The adjacent sand-gravel firm leases land from the Salt River Indian Community. The sand-gravel firm quarries the sand and gravel from open excavations within the river channel and at locations adjacent to the riverbed. The open pit excavations located adjacent to the riverbed are

thereafter utilized for the sanitary landfill inorder to reclaim the quarried areas.

Floodplain (22)

The recycling plant will operate adjacent to the landfill which is in turn adjacent to the riverbed. The recycling operation will be located above the 50-year floodplain at the landfill.

Solid Waste Management

The proposed recycling project will institute the first step in resource recovery at the landfill and will extend the life of the landfill for the east portion of the Phoenix Metro Area.

Energy Supplies (30)

The removal of metals from the solid wastes will leave a residue with greater potential for the production of energy thru incineration, or the production of methane gas.

C. Exhibits II-A-8(1)(b)(2)(c) are attached to this Environmental Information Report. Said exhibits include the following:

(1) U.S. Geological Survey topographic map of the projects location.

(2) HUD Floodplain Maps of the area.

(3) Site Photos at the landfill.

(4) An Aerial Photo of the site.

3. AIR QUALITY

a. Air quality data is not available at this site or near the project area since monitoring stations are not currently located within the Salt River Indian Community.

b. Air emissions to be produced by the recycling equipment will be localized and contained within the landfill 20 acre site.

c. The project site has never experienced special topographical or meteorological conditions which would hinder the dispersal of air emissions.

d. The recycling involves shredding the solid waste which entails little or no emissions into the air. Only processes involving some form of incineration would require measures to be taken to control burn-off emissions.

4. WATER QUALITY

a. Water quality data on the surface water in the Salt River is not an environmental factor since the river flows only 5 to 105 days per year. This flow results only during extended periods of rainfall. It's consistency is primarily rainwater plus soil particles. No community wells are located near this landfill site. Water for the community is available from the City of Phoenix and from wells far removed from the landfill.

b. The project will utilize water to the site from a drinking water supplier such as "Sparkling" and/or "Crystal" bottled water, plus a temporary 1" line to the recycling area from the highway water main.

c. The recycling operation does not utilize water effluents or discharges.

d. No treatment systems will be necessary at the recycling site since porta-johns will be utilized for the employees, and no water discharges will be a part of the proposed recycling process.

e. Not Applicable

f. Normal surface run-off will be permitted to flow during times of rainfall into it's normal drainage ditches and the Salt River bed.

5. SOLID WASTE MANAGEMENT

a. Recoverable products from the recycling equipment include the following ferrous metals:

Mixed Shredded
Shredded "Light"
Shredded "Heavy"
Bulky Steel Items

These materials account for approximately 5 percent of all the residential solid wastes which arrive at the landfill. The 95 percent bulk of the solid waste materials will continue to be compacted and buried in the sanitary landfill.

6. TRANSPORTATION

a. Transportation serving the project area include all automobile, truck and bus service that uses the adjacent highway. The highway, State Route 87 includes scheduled bus runs by the local "Peoples Bus" and the Greyhound Bus Service between Phoenix, Mesa and Payson, Arizona to the north.

b. No new transportation problems will arise outside the project area as a result of the project.

c. Since new traffic patterns to the landfill will not result from the proposed recycling project, adjacent land uses will not be affected directly or indirectly by the project.

d. No additional traffic will be generated other than approximately four truck runs per week from the recycling operation. As a result the capacity of the adjacent State Highway Route 87 will not be affected.

EXHIBIT II-A-8 (1) (b) (2) (c)

1) U. S. Geological Survey Topographic map

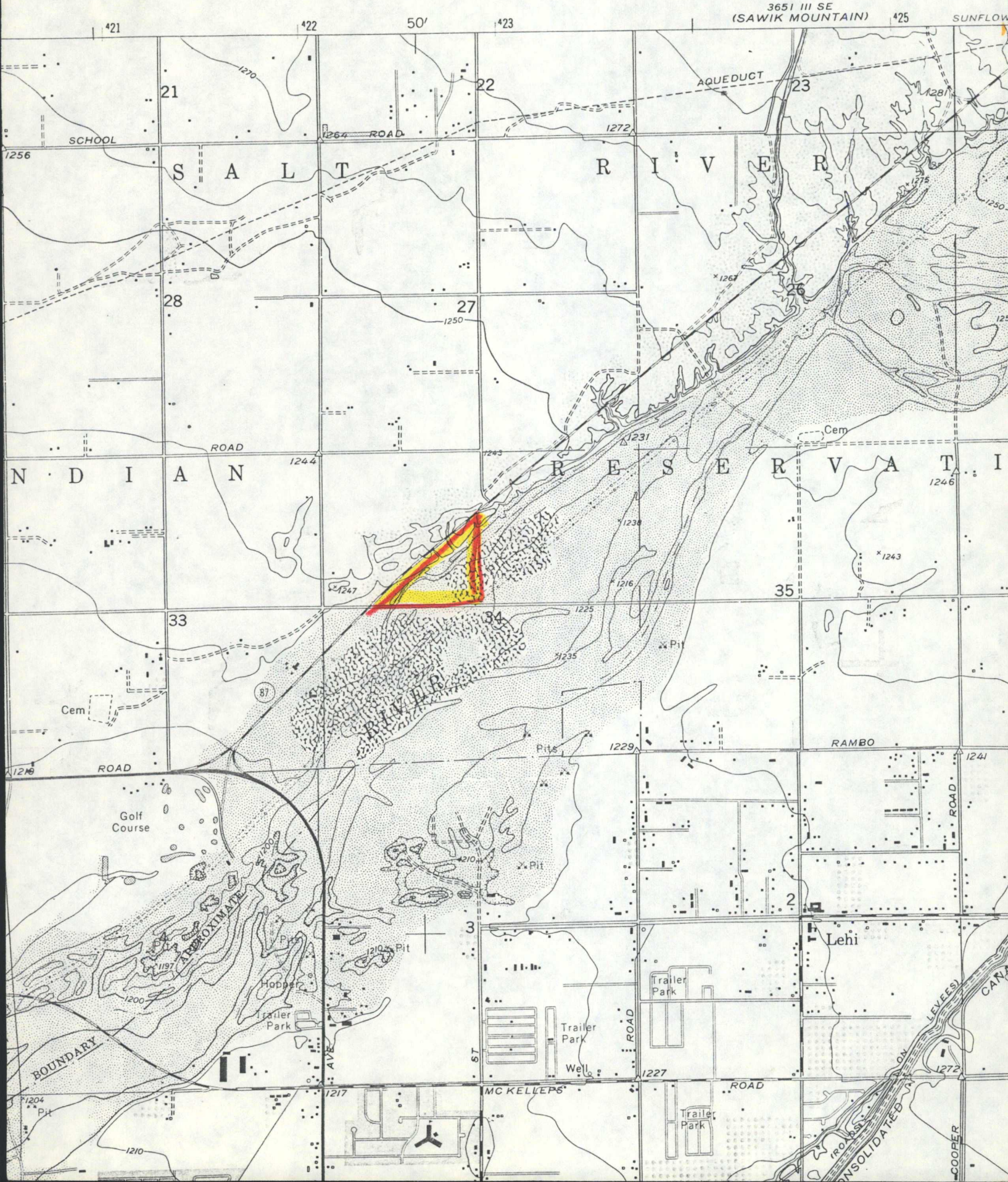


EXHIBIT II-A-8 (1) (b) (2) (c)

(2) Aerial Photograph of the site

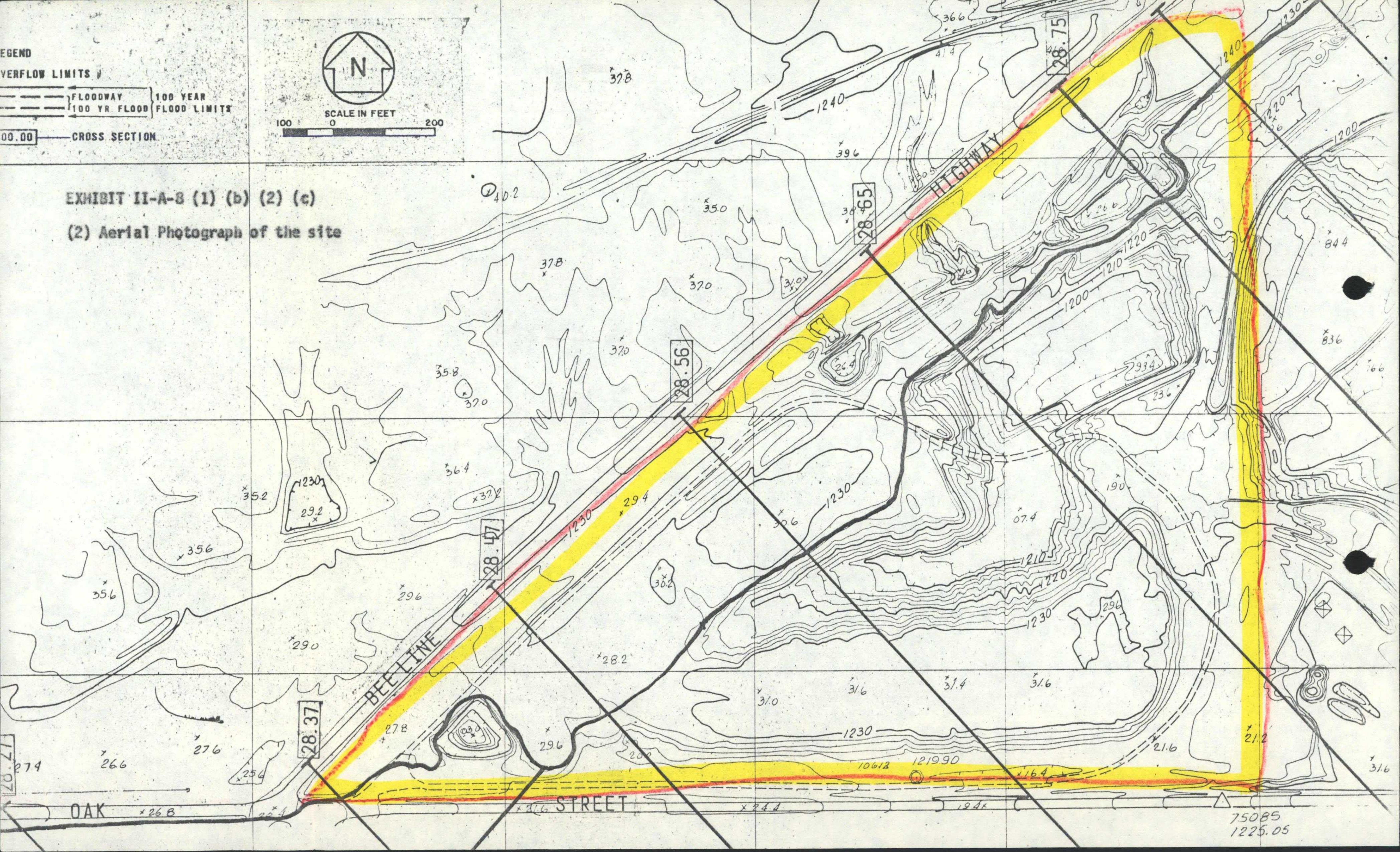


EXHIBIT II-A-8 (1) (b) (2) (c)

3-4 Aerial Photograph of the Site